		Application No.	Applicant(s)
Notice of Allowability		10/627,180	MEYERS ET AL.
		Examiner	**Art Unit**	
		Thomas R. Peeso	2132	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to *application papers filed*.

2. ☒ The allowed claim(s) is/are *1-27*.

3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a) ☐ All   b) ☐ Some*   c) ☐ None   of the:

        1. ☐ Certified copies of the priority documents have been received.

        2. ☐ Certified copies of the priority documents have been received in Application No. _____ .

        3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

    * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.

    (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached

        1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____ .

    (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of

        Paper No./Mail Date _____ .

    Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☐ Notice of References Cited (PTO-892)

2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 12Jan2004

4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☐ Interview Summary (PTO-413), Paper No./Mail Date _____ .

7. ☐ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other _____ .

THOMAS R. PEESO
PRIMARY EXAMINER

REASONS FOR ALLOWANCE

The following is an examiner's statement of reasons for allowance:

Applicant has claimed uniquely distinct features in the instant invention which are not found in the prior art, either singularly or in combination. According to the invention,

According to the present invention, a system and method for building queries for execution against a data store is provided. The system and method empowers novice or casual computer users to easily and iteratively select elements or fields of the data store to create useful reports.

According to one embodiment, the present invention is implemented through a distributed application that runs on multiple computers but is displayed on a graphical user interface (GUI). This GUI, combined with common input devices such as a mouse and keyboard, minimizes the learning curve for use of the present invention. Thus, even a novice or casual user may quickly and easily understand and apply the present invention to a data store.

The present invention improves report filtering and provides a means for quickly and easily constraining data based upon the base view of a report. In similar manner to iteratively and recursively selecting scalar and aggregate fields, fields may be selected as filter fields. AS filter fields are selected, logical filter operators may be applied, filter fields may be nested into filter groups, and filter group operators may be applied.

According to one embodiment, the present invention provides a robust security model, enabling organizations to protect sensitive data while providing broad data access. According to this embodiment, a person or process knowledgeable about

the data contained in a data store and the organizational requirements to protect the

data defines or more security principals who will be given access to information

contained in the data . Security principals may be users or groups of users, and the

identities of and other information about security principals are typically maintained in a

protected file. database or directory.

According to this embodiment of the present invention, the person or process

also creates an entry in an access control list for each element of the data, specifying in

the entry if the security principal is to be granted or denied access to the element. The

data elements may be course grained, as in the case of entire tables or views, or fine

grained, defining permissions for specific fields, ranges of fields, or field aggregates.

According to this embodiment,, the person or process also creates a security

filter for each report view to be protected. The security filter must include at least one

row of the view, otherwise data from the view 6ould n0t be viewed. The security filter

also includes an access control entry denying access to one or more specific data

elements that might be specified in the view. Defining the access control entry to deny

access permits the security filter to operate in a fashion similar to other filters pertaining

to the invention.

These features are not found or suggested in the prior art.

Any comments considered necessary by applicant must be submitted no later

than the payment of the issue fee and, to avoid processing delays, should preferably

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Thomas R. Peeso whose telephone number is 571 272-3809. The examiner can normally be reached on Mon.-Fri, 7:00 a.m. to 3:30 p.m. The central fax number for the office is 571 273-8300.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron, can be reached on 571 272-3799.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Thomas R. Peeso
Primary Examiner

24 November 2006